

**p62 (Ser28) Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # AN1286****Specification**

---

**p62 (Ser28) Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q13501</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 47687                  |

**p62 (Ser28) Antibody - Additional Information**

|           |        |
|-----------|--------|
| Gene ID   | 8878   |
| Gene Name | SQSTM1 |

**Target/Specificity**

Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser28 conjugated to KLH

**Dilution**

WB~~ 1:500

**Format**

Antigen Affinity Purified from Pooled Serum

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

p62 (Ser28) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

Blue Ice

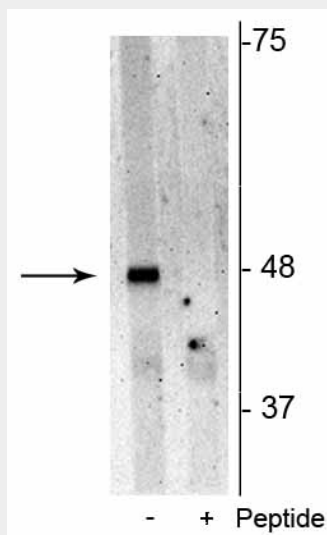
**p62 (Ser28) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

### p62 (Ser28) Antibody - Images



Western blot of Jurkat cell lysate showing specific immunolabeling of the ~48 kDa p62 phosphorylated at Ser28 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide (not shown).

### p62 (Ser28) Antibody - Background

p62, also known as sequestosome1 (SQSTM1), is a shuttle protein transporting polyubiquitinated proteins for both proteasomal and lysosomal degradation. p62 is an integral component of inclusions in brains of various neurodegenerative disorders, including Alzheimer disease (AD) neurofibrillary tangles (NFTs) and Lewy bodies in Parkinson disease (Nogalaska et al., 2009). p62 plays an important role in the protection of cells from the toxicity of misfolded proteins by enhancing aggregate formation especially in the later stages (Nakaso et al., 2004). Phosphorylation of Ser